

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 75.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000858**Date Inspected:** 07-Aug-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** Shanghai Pujiang Cable Co. (SPCC)**Location:** SRIM , Shanghai**Quality Control Contact:** Mr. Cheung**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Reviewing X ray film for casting socket**Bridge No:** 34-0006**Component:** casting socket**Bid Item:** 66A**Lot No:** B240**Summary of Items Observed:**

Caltrans QA Inspector Mr. Wai Pau traveled to SRIM Lab, Shanghai to review radiographic testing (RT) film result of ASTM A148M casting socket. The socket IDs are B-05-030 and B-12-070. A total 252 films (126 films for each socket) submitted to Caltrans QA Inspector for reviewing. The source of radiation is radioisotope Ir-192 model 300EGM-AR0001-5. The radiograph film used is type AGFA-C7, size 100X189, 120x200 100x280 with wire type Image Quality Indicators (IQI) ASTM 1B-11, 1C-16. The socket thicknesses in the films are 46mm, 90mm and 92mm. The 252 films for socket also evaluated and accepted by SRIM interpreter Level II Mr. Cheung prior Caltrans QAI reviewing. Based on Caltrans QA reviewing, the 252 radiograph films quality and weldments quality results in film were appeared to be in general compliance with requirements of the Caltrans Special Provisions and contract document.

**Summary of Conversations:**

As notes within report above.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod 13482570045 , who represents the Office of Structural Materials for your project.

**Inspected By:** Pau,Wai

Quality Assurance Inspector

**Reviewed By:** Clifford,William

QA Reviewer